	CLASSIFICATION/CONFIDENTIAL	r Pu	<b>1</b> 5	19 1
	CENTRAL INTELLIGENCE AGENCY			
	INFORMATION REPOR	T		
		Now Tright State - No. 5 co.	<i>i.</i>	MAR 54
COUNTR	Y Poland/Germany (Sov Zone)	DATE DIST		25X1
SUBJECT	Polarization and Solar Radiation Research (Polar	d)/ NO. OF PA	NGES 4	
PLACE ACQUIRE	ED	NO. OF E	NCLS	
DATE ACQUIR	ED	SUPPLEM REPORT I		25X
DATE OF	IN			
THIS OCCUME OF THE WHIT AND 794, OF LATION OF PROMIDITED	THE CONTRAINS INFORMATION AFFECTING THE NATIONAL OFFERSE TWO STATES, SOTAND THE MEANING OF TUTLE 18, SECTIONS 703 F THE NUSS. CODE. AN AMENDES. ITS TRANSMISSION OF MEVE. THE CONTRAINS TO BE RECEPT TO AN UNIALTHORISTIC FEEDER 15 BY LAW. THE REPREDUCTION OF THIS FORM IS PROMISEITED.	UNEVALUATED	INFORMAT	ion 25 <b>X</b>
Poland	d-Atmospheric Polarization and Solar Radiation:			
				7
	"Atmospheric Polarization and Solar Radiation", i	y Wladyslaw S	nosarski	
in <u>Prz</u> Review	zeglad Meteorologiczny i Hydrologiczny /the Meteorol	y Wladyslaw Si ogical and Hy	nosarski irologica:	
in Prz Review	"Atmospheric Polarization and Solar Radiation", a reglad Meteorologiczny i Hydrologiczny /the Meteorologic, 1950-1951 Yearbook, Warsaw, pp 148-165.	y Wladyslaw <u>S</u> ogical and Hyd	osarski irological	
This pof pre	zeglad Meteorologiczny i Hydrologiczny /the Meteorol	It is mostar August 1927 as new observationse unutilized	irologica.  v a ĉigen ad 1939) ions. oc.: obs <b>e</b> co	<u>;</u>
This pof pre Appare view of tions No indin reconsubject	paper does not present any new material or insights.  e-World War II material (observations taken between ently, Dr Smosarshi has either not been able to make of his advanced age (c. 70 yrs of age) has taken the	It is mostly August 1927 at new observation extill extended equipment objective recept) equipment	rological v a digental (939) ions. or a observations. developed ord rot when I	<u>;</u>
This pof preview of tions  No indin red subject first  Dr Smc/1954/	paper does not present any new material or insights.  Description of the material (observations taken between the salvanced age (c. 70 yrs of age) has taken the and analyzed them for publication while the opportunity are contained in the paper of the use of the salvanced age (c. 70 yrs of age) has taken the and analyzed them for publication while the opportunity are contained in the paper of the use of recent years (eg, automatic light trackers, giving an ext to eye errors). Dr Smosarski used standard (visually standard)	It is mostly August 1927 as new observations unutilized with a still expective recombined and available of the still expective recombined and the still expective recombined and the still expective recombined and the still expective recombined as a still	va digenal (1939) ions. Servenists. developed ord not when I to him.	<u>;</u>
This pof predictions  No indinate the subject first  Dr Smc/1954/content  There refere more content treate added	paper does not present any new material or insights.  Seworld War II material (observations taken between ently, Dr Smosarshi has either not been able to make of his advanced age (c. 70 yrs of age) has taken the and analyzed them for publication while the opportunities are contained in the paper of the use of recent years (eg, automatic light trackers, giving an ent to eye errors). Dr Smosarski used standard (visuknew of his work, and apparently has no new equipments of the seasons. The paper of the use of recent years (eg, automatic light trackers, giving an ent to eye errors). Dr Smosarski used standard (visuknew of his work, and apparently has no new equipments of the paper of the use of recent years (eg, automatic light trackers, giving an ent to eye errors). Dr Smosarski used standard (visuknew of his work, and apparently has no new equipments of the paper of the use of recent years (eg, automatic light trackers, giving an ent to eye errors). Dr Smosarski used standard (visuknew of his work, and apparently has no new equipments of the use of the	It is mostly August 1927 as new observations unutilized unity still except equipment objective recent available offerent from the available of considers to a single part atmosphere makes. When the	rological variagen ad 1939) ions. or ionserve ists. developed ord not when I to him. current variate ists. ideadays.	i.
This I of preview of tions  No ind in red subject first  Dr Smc/1954/content  There refere more of content added of a series of the series of	paper does not present any new material or insights. See World War II material (observations taken between ently, Dr Smosarski has either not been able to make of his advanced age (c. 70 yrs of age) has taken the and analyzed them for publication while the opportunitations are contained in the paper of the use of recent years (eg, automatic light trackers, giving and to eye errors). Dr Smosarski used standard (visus knew of his work, and apparently has no new equipments of the work, and apparently has no new equipments practice. He discusses monthly and seasonal memorary practices seek explanations for daily variations are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorr	It is mostly August 1927 at new observations and it is mostly at the end objective record objective record available of the end of the end of the end objective record and the end objective record objective reco	rological va digent nd (939) ions. or conserva- ists. developed ord not when I to him. current , whereas is situated as there	i.
This recorded to the subjections  No indin recorded to the subjections  There reference content treated added of a subjection to the subje	reglad Meteorologiczny i Hydrologiczny / the Meteorologiczny / 1950-1951 Yearbook, Warsaw, pp 148-165.  Sepaper does not present any new material or insights.  Seworld War II material (observations taken between ently, Dr Smosarshi has either not been able to make of his advanced age (c. 70 yrs of age) has taken the and analyzed them for publication while the opportunities are contained in the paper of the use of ment years (eg, automatic light trackers, giving an ent years (eg, automatic light trackers, giving and to eye errors). Dr Smosarski used standard (visuosarski's general approach to his subject is also did with the same of his work, and apparently has no new equipment of the scattering of light in the atmosphere are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas of light in the atmosphere are single present-day theory maintains firmly that the day as the sum of particles of different characteristics are trying the property of illustration, US scientists are trying the characteristics of the atmosphere are single particle.  CLASSIFICATION / CONFIDENTIAL	It is mostly August 1927 at new observations and it is mostly at the end objective record objective record available of the end of the end of the end objective record and the end objective record objective reco	rological va digent nd (939) ions. or conserva- ists. developed ord not when I to him. current , whereas is situated as there	i.
This I of preview of tions  No ind in red subject first  Dr Smc/1954/content  There refere more of content added of a series of the series of	reglad Meteorologiczny i Hydrologiczny / the Meteorologiczny / 1950-1951 Yearbook, Warsaw, pp 148-165.  Sepaper does not present any new material or insights.  Seworld War II material (observations taken between ently, Dr Smosarshi has either not been able to make of his advanced age (c. 70 yrs of age) has taken the and analyzed them for publication while the opportunities are contained in the paper of the use of ment years (eg, automatic light trackers, giving an ent years (eg, automatic light trackers, giving and to eye errors). Dr Smosarski used standard (visuosarski's general approach to his subject is also did with the same of his work, and apparently has no new equipment of the scattering of light in the atmosphere are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas put forward in his article are also incorrect ideas of light in the atmosphere are single present-day theory maintains firmly that the day as the sum of particles of different characteristics are trying the property of illustration, US scientists are trying the characteristics of the atmosphere are single particle.  CLASSIFICATION / CONFIDENTIAL	It is mostly August 1927 at new observations and it is mostly at the end objective record objective record available of the end of the end of the end objective record and the end objective record objective reco	rological va digent nd (939) ions. or conserva- ists. developed ord not when I to him. current , whereas is situated as there	i.

CONFIDENTIAL

- 2 -

25X1

type of relationship Dr Smosarski deals with in Table I (Coefficients of corraintion for every month to express quantitatively the relationship between the degree of polarization of atmospheric light, actinometric radiation of the sum, and value pressure). But his results are quite obvious: namely, that skylight polarization is more directly related to solar radiation than to humidity. What is more vital is the study of this correlation from day to day (rather than month to solar or seasonal), and the determination of better parameters than humidity. If Dr Smosarski understood the subject better, he would not relate solar radiation are 25X1 vapor pressure.

7. This is basic research. There are no direct or indirect indications of military implications in the background. It is interesting only to the extent that Dr. Smosarski made the skylight polarization measurements, and has attempted to analyze and discuss them. There are relatively few people in Europe working in this field.

25X1

A	Recided	Smogarski there is Gerhard Dietze (Dipl. Met.") in	Germany (Sov Zone), a	25 <b>X</b>
٥.	younger	Smosarski, there is Gerhard Dietze (Dipl. Met.") in man probably just finishing his Ph D		

25X1

CONFIDENTIAL

25X1

